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Title of the Invention: **Advanced 24/7 differential oscilloscope with remote access and security features for detection of neutral to earth voltage.**

Inventors Names: **David Rogers and Sebastian Rogers**

Application Number: **10/718,932**

Confirmation Number: **5745**

Name and telephone number of contact person: **David Rogers 1-604-453-6477**

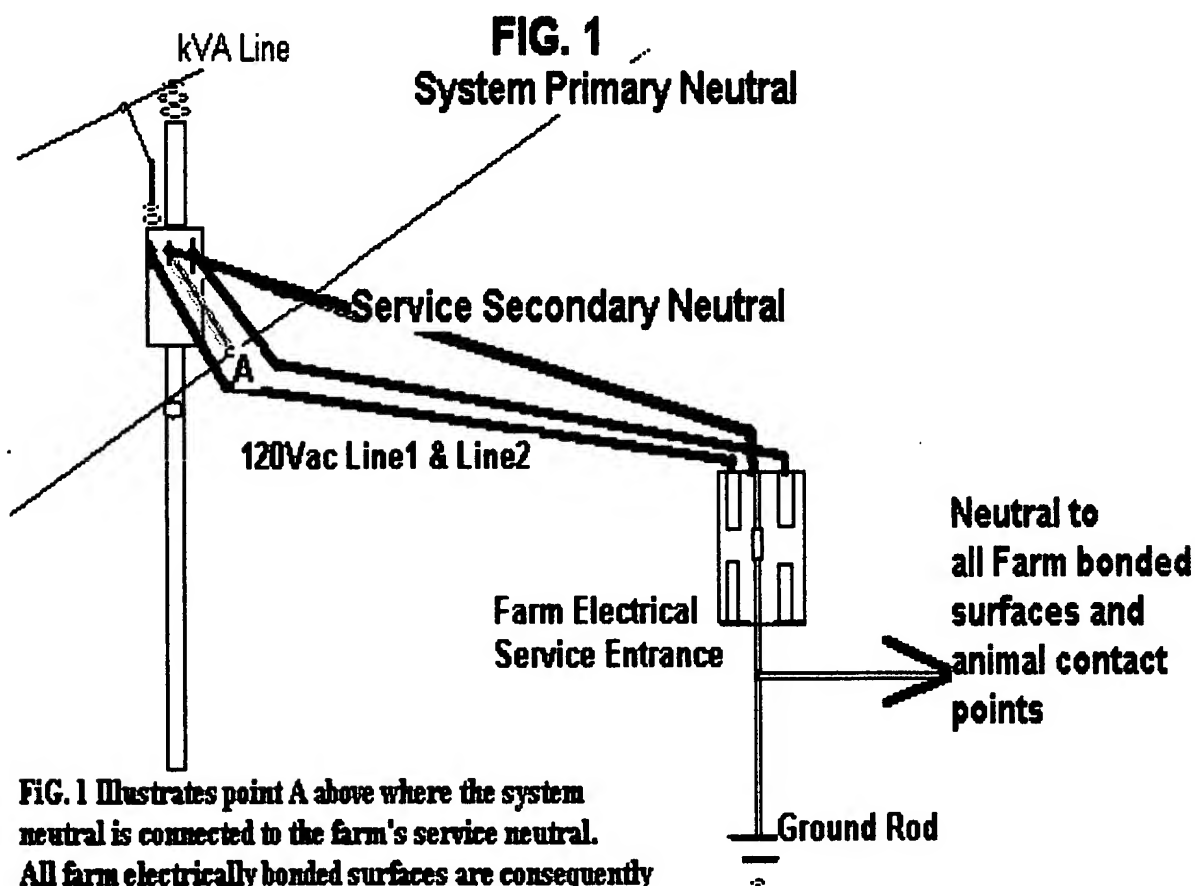
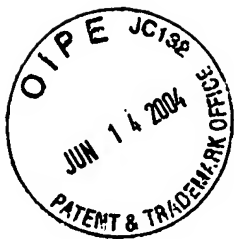


FIG. 1 Illustrates point A above where the system neutral is connected to the farm's service neutral. All farm electrically bonded surfaces are consequently connected directly to the utility system neutral.



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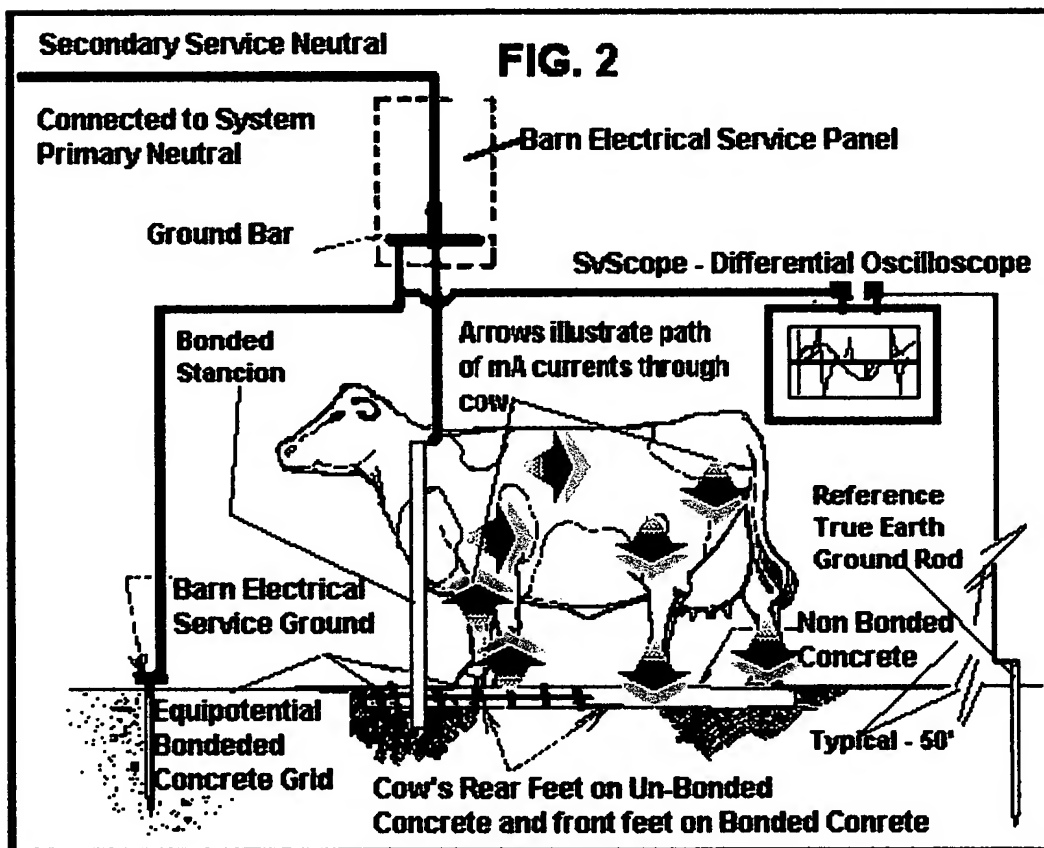


Fig. 2 Schematic illustrating ground currents passing through a cow via neutral to earth electrical return paths.



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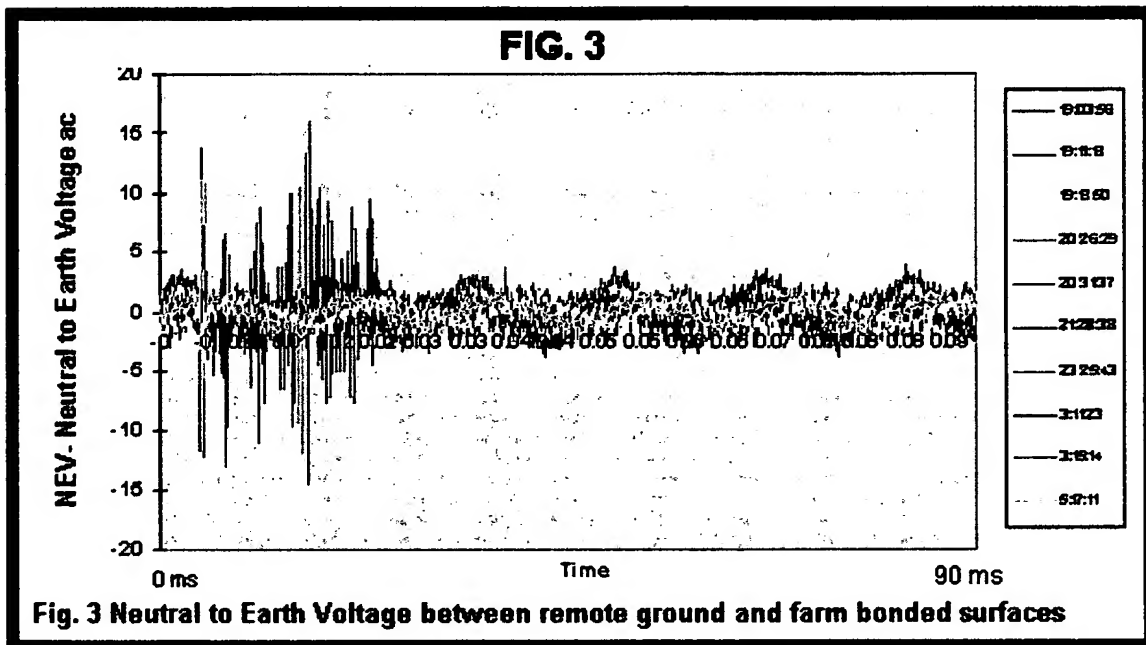
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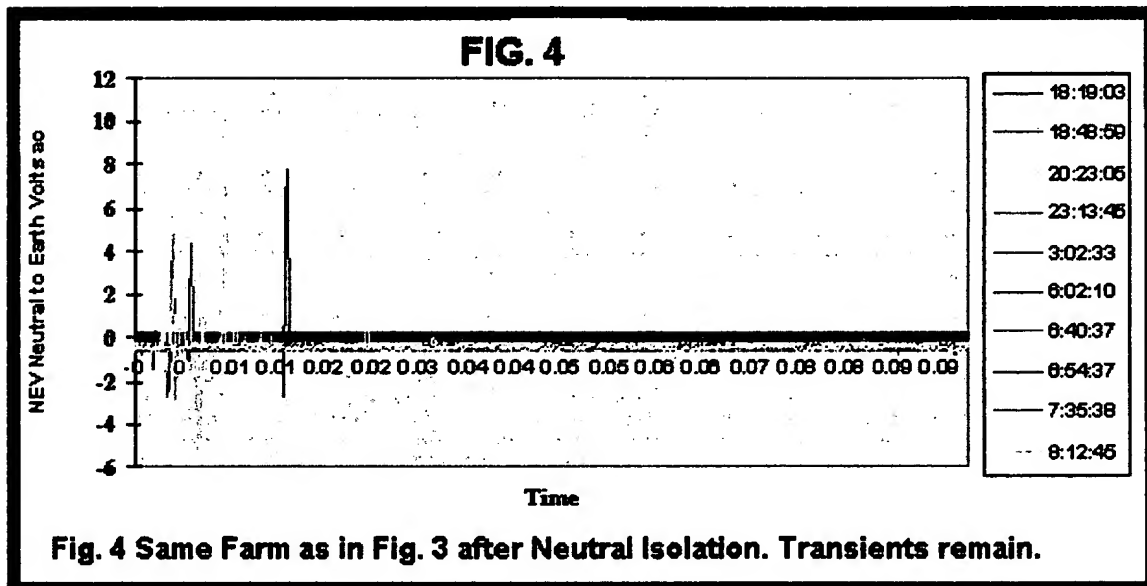
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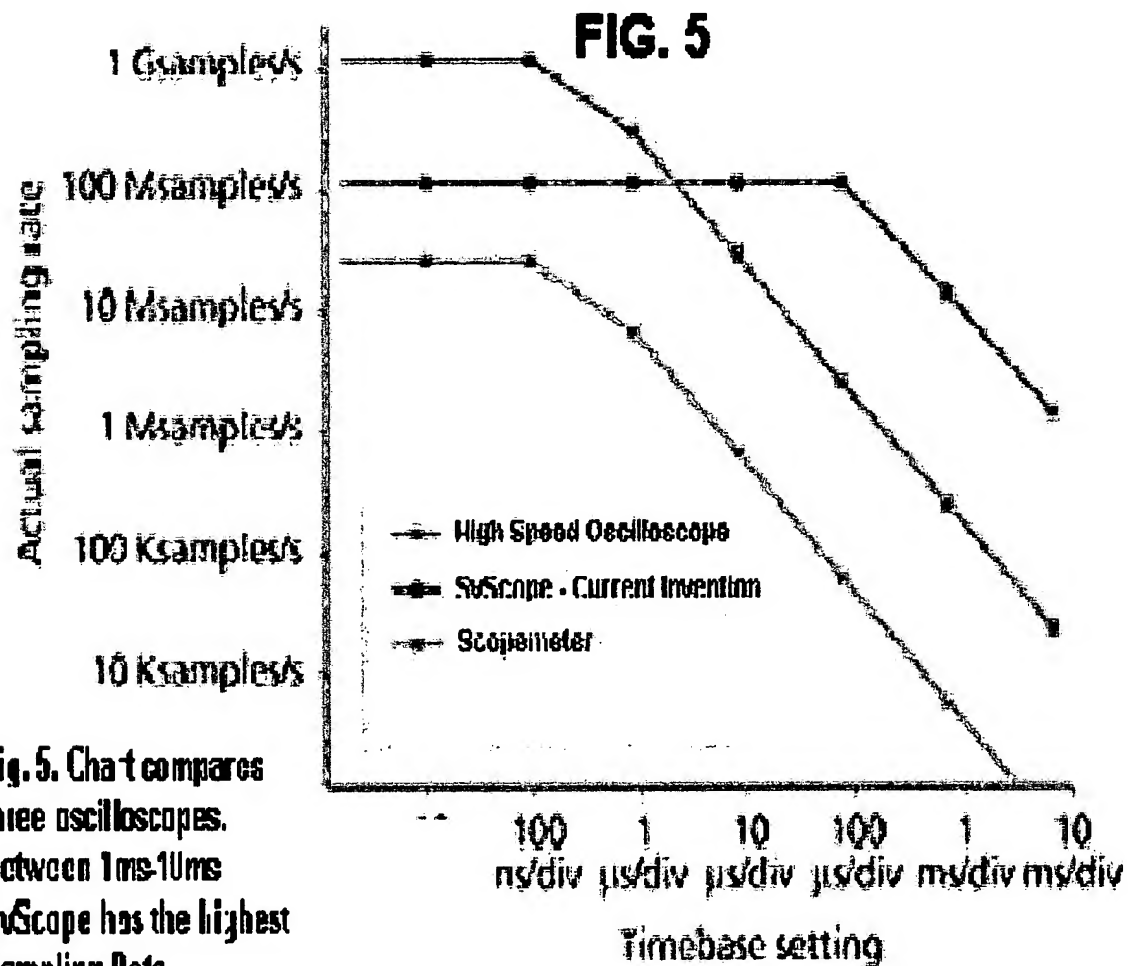
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FIG. 6

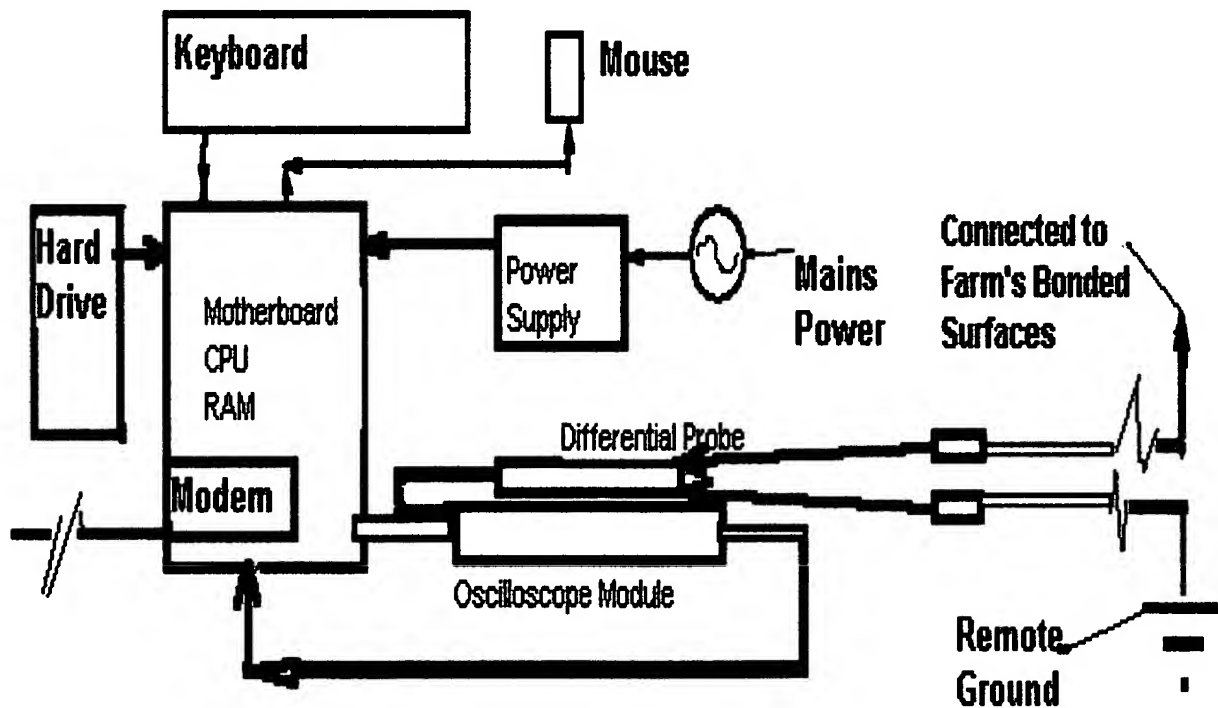


Fig. 6 Schematic of Differential Oscilloscope



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FIG. 7

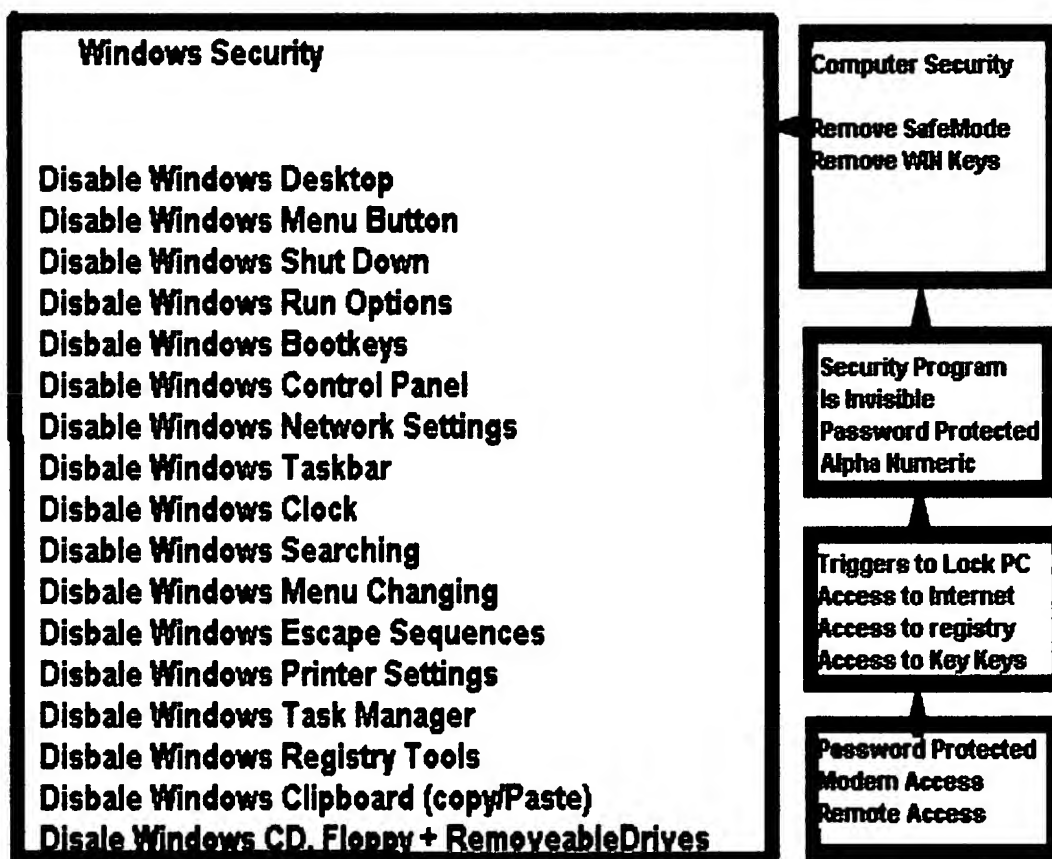


Fig. 7 Schematic of Differential Oscilloscope Operating System Security Software

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FIG. 8

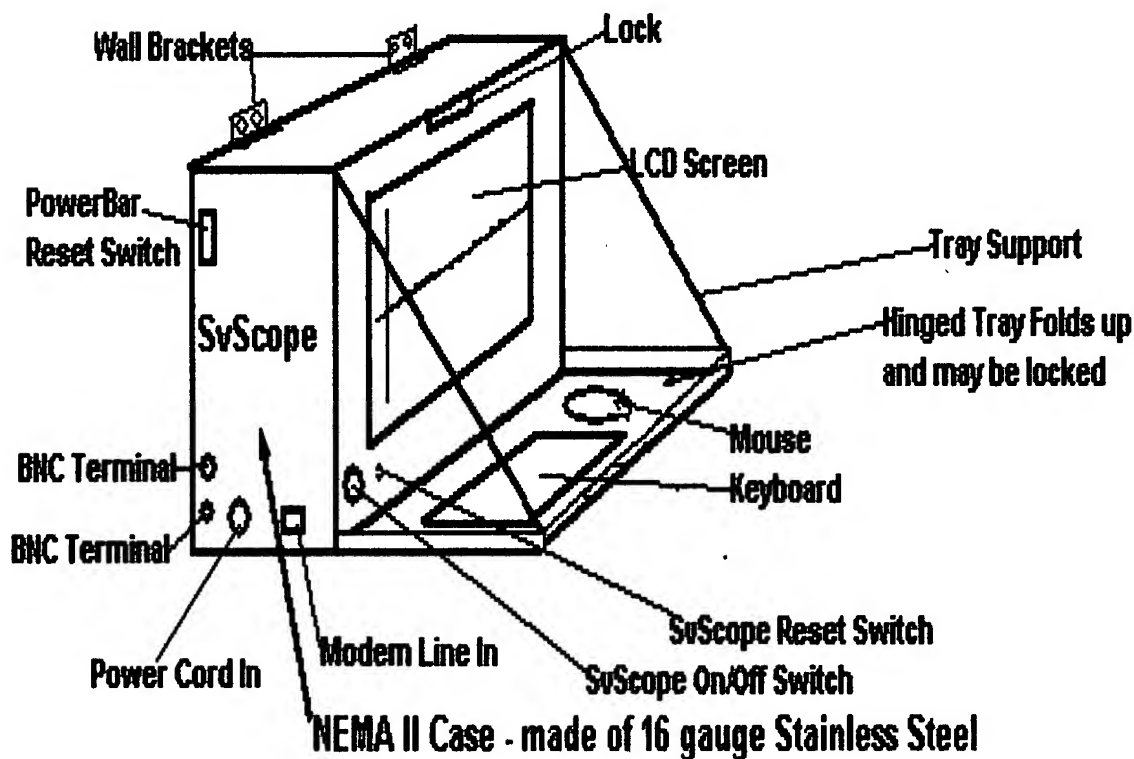


Fig. 8 Sketch of the complete SvScope Remote Access Differential Oscilloscope. Oscilloscope and Computer Hardware is contained in a NEMA II case to repel dust and insects.